

The Whirlwind Mine Facts

The Company

- Energy Fuels Resources Corporation (Energy Fuels)
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Whirlwind Property

- Located 5 m. southwest of Gateway, Mesa County, CO
- 206 unpatented mining claims straddling the CO/UT state line in the Beaver Mesa Mining District of the Uravan Mineral Belt
- Land administered by U.S. Bureau of Land Management (BLM)
- Mineral rights controlled by Energy Fuels through long-term lease agreements with claim owners
- Project will provide economic returns to the surrounding community by hiring locally and relying on area businesses.
- Property will be reclaimed as per State and Federal standards and monitored to ensure reclamation success.

Beaver Mesa Mining District History

- District produced radium, vanadium and uranium ores since early 20th century: Historically yielded 7.4 million lbs uranium concentrate (U3O8) : 23.8 million lbs vanadium concentrate (V2O5)

Whirlwind Mine Deposit

- Ore production derived from fluvial sandstone, mostly in upper part of the Salt Wash member of the Morrison Formation. Deposit is generally flat lying at a depth of 400 to 700 feet, accessed by a 3500 ft. long decline.
- Any excess ground water will be treated to meet state standards prior to discharge.

Mining Method

- An ongoing bulk sampling program is being completed.
- Ore would be mined by conventional underground methods using a modified room-and-pillar system.
- One to three shifts per day five days per week. Initially, 10 to 12 employees will mine 100 tons of ore per day, expanding to 24 employees mining an average of 200 tons of ore per day.
- Whirlwind Mine has a project life of 10 years.

Ore Transportation

- Ore will be hauled to an off-site uranium mill for processing.
- A contractor will provide highway haul trucks.
- Truck beds will be covered with tarps to prevent generation of fugitive dust.
- Initially, approximately 20 trucks per week will be loaded and sent to the mill, eventually increasing to an average of forty roundtrips per week.
- The primary haulage route will be via Mesa County roads (John Brown Road) to Colorado Highway 141 just south of Gateway to the White Mesa Mill in Blanding, Utah as the most likely mill site (by way of State Highway 141 to Route 666).



Reclamation

- All disturbed surface areas (a total of 24 acres) will be reclaimed to dry rangeland for wildlife habitat, which is the primary post mining land use.
- The mine waste disposal area will be reclaimed concurrently as the disposal area expands.
- Once the mine is shut down, the reclamation is expected to take approximately six months.
- Property will be reclaimed to restore vegetation and provide habitat (e.g. bat gates within mine portals).
- The final reclamation process will include:
 - Site stabilization (revegetation and erosion control)
 - Removing ore pad
 - Dismantling and removing shop, warehouse, tanks, and other structures
 - Backfilling portal and water treatment ponds
 - Grading all disturbed areas to a stable, self-draining configuration and covering with topsoil
 - Seeding topsoil cover with a seed mix approved by the BLM
 - Site will be reclaimed to provide adequate and diverse vegetation cover, and will be monitored for weed control

Public Participation Opportunities

- A copy of the Whirlwind Plan of Operations is available for review at both the BLM Grand Junction and Moab Field Offices.
- A Public Scoping meeting will be held at 7:00 p.m., Friday, September 28, 2007, at the Gateway Community Center.
- The Mesa County Conditional Use Application, which is similar in content to the Plan of Operations, will be discussed and reviewed during two county public meetings; the first meeting before the Planning Commission is scheduled for 7:00 p.m., Thursday, November 29, 2007, at the Mesa County Courthouse Public Hearing Room, and the second meeting before the County Commissioners is scheduled for 9:00 a.m., Tuesday, December 18, 2007(same location). The BLM will attend these meetings.
- A copy of the 112(d) Permit Application to the Colorado Division of Reclamation, Mining and Safety is available for public review at the County Recorder's office and notice of the plan will be published in the Grand Junction Daily Sentinel for four weeks beginning August 31, 2007. The comment period will end October 11, 2007. The 112d permit application is similar in content to the Plan of Operations, and public comments received by the state agency will be copied to the BLM.
- The Preliminary Environmental Assessment will be made available for public review, which is estimated to be in mid-December 2007 (copies available at the County Recorder's office and the BLM Grand Junction Field Office).
- To be placed on the Whirlwind Project mailing list; please contact Karmen King/GGI (970) 565-1222 or kking@aquatox.us.